




Edison Electric
INSTITUTE

Cybersecurity and the Electric Power Industry: It's All About Industry-Government Partnerships

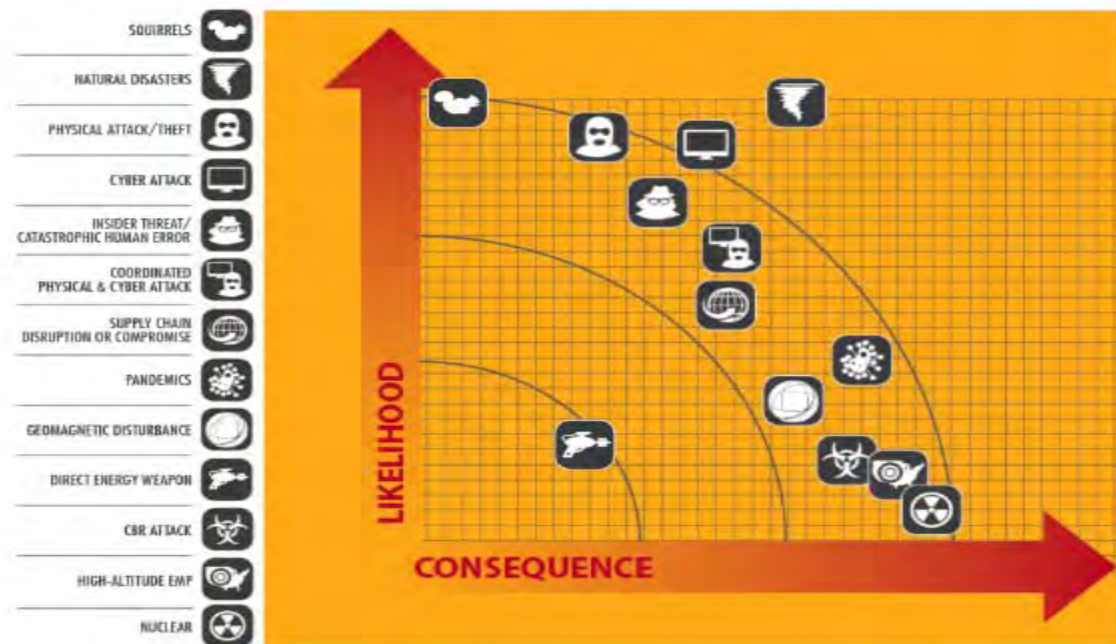
FUPWG
November 16, 2017
Ontario, CA

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Protecting Grid The Top Priority

- Recognize the vital role that we play to society and national security
- We continue to enhance efforts to protect grid assets from threats
 - \$52.8B in '16 to enhance grid and further support grid security efforts
 - Crisis management
 - Site specific security plans to ensure operations and infrastructure are properly supported
 - Redundancies build into the system
 - Partner with federal, state, and local gov't and law enforcement

The Threat Landscape

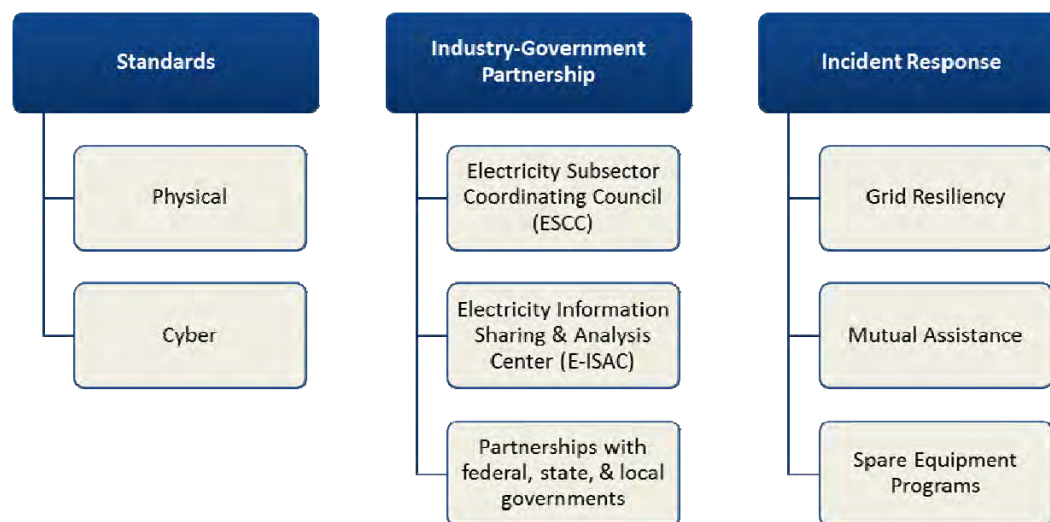


CBR – Chemical, Biological, Radiological
EMP – Electro-magnetic Pulse

Threat Mitigation: “Defense-in-Depth”

- Preparation
- Prevention
- Response
- Recovery

Approach to Grid Security



Electricity Subsector Coordinating Council (ESCC)

- Threats constantly evolve and are closely coordinated with the federal government via the ESCC partnership
- ESCC: coordinate efforts to prepare for, and respond to national level disasters or threats to critical infrastructure.

ESCC Focus Areas

- Planning and exercising coordinated responses to attacks
- Ensuring that information about threats is communicated quickly b/t government and industry
- Deploying gov't technologies on electric company systems that improve situational awareness of grid threats
- Developing strong partnerships with other critical infrastructure sectors to plan for and respond to major events and share info more effectively
- Maintaining the industry-wide cyber mutual assistance program in coordination with federal agency partners
- Strengthening and securing the supply chain
- Expanding equipment sharing programs and developing transformer transport processes and procedures with the fed gov't, railroads, heavy hauler and rigging industries.

The **Edison Electric Institute** (EEI) is the association that represents all U.S. investor-owned electric companies. Our members provide electricity for about 220 million Americans, and operate in all 50 states and the District of Columbia. As a whole, the electric power industry supports more than 7 million jobs in communities across the United States.

In addition to our U.S. members, EEI has more than 60 international electric companies, with operations in more than 90 countries, as International Members, and hundreds of industry suppliers and related organizations as Associate Members.

Organized in 1933, EEI provides public policy leadership, strategic business intelligence, and essential conferences and forums.

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